

ES-96  
10/090,951



2A  
9/16/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the application of:  
Clough

GROUP ART UNIT: 1745

Serial No.: 10/090,951

Filed: March 4, 2002

Examiner: Weiner, Laura S  
(Prior Application)

For: BATTERY ELEMENT  
CONTAINING EFFICIENCY  
IMPROVING ADDITIVES

PRELIMINARY AMENDMENT

To: Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

RECEIVED  
SEP 9 - 2002  
TC 1700

IN THE CLAIMS

Please amend Claims 1 to 32 as follows:

AV 50AB >  
Claim 1 (Once Amended) A silica filled polymeric separator useful as an electrolyte reservoir in a lead acid battery wherein the silica filled polymeric separator comprises an acid resistant metal impurity inhibiting amount of micronized porous organic polymer particles having a 50 percent number count less than about 2 microns and functional groups on the internal surfaces of the micronized porous organic polymer particles which have a preferential affinity over lead ion for at least one electrolyte soluble metal cation impurity ion more nobler than lead at the discharge charge